



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 25, 2003

CERTIFIED RETURN RECEIPT
7099 3400 0016 8896 2505

Bryce H. Haas
B & C Limestone Mine
P.O. Box 289
Gunnison, Utah 84634

Re: Second Review of Amended Notice of Intention to Commence Large Mining Operations, Bryce Haas, B&C Limestone Mine, M/039/013, San Pete County, Utah

Dear Mr. Haas:

The Division has completed a review of the material you hand delivered to Lynn Kunzler and Doug Jensen when they visited your site on January 15, 2003. After reviewing the information, there is only one comment that needs to be addressed before final approval can be granted. Please provide a response to this comment by April 11, 2003.

Re: 17-4-113 – Surety

Please provide a description of each of the facilities located on site. Include in this description, the dimensions of each structure, the construction materials used and foundation/floor details (i.e. thickness of concrete, how re-enforced if any, etc.). Also, please provide a preliminary surety cost estimate for reclamation. A blank copy of the Division's cost estimating form is attached to assist you in this matter. (DJ)

If you have any questions regarding this letter, please contact me, or Doug Jensen of the Minerals Staff at (801) 538-5286, or 538-5382 respectively. Thank you for your cooperation in completing this permitting action. As soon as the surety amount is finalized, we can proceed with issuing final approval of your mine plan.

Sincerely,

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

jb

Attachment: Blank surety estimate

cc: Lynn Kunzler, DOGM

O:\M039-Sanpete\m0390013-b&c\limestone\draft\REV2-date.doc

mine operator last revision **10/07/02**
mine name filename M000-000 WB2 page "estimate D8"
DOGM file Number County
Prepared by Utah State Division of Oil, Gas & Mining

-Amount of disturbed area which will receive reclamation treatments =	acres
-Estimated total disturbed area for this mine =	acres

Activity	Quantity	Units	\$/unit	\$	Note
Safety gates, signs, etc. (mtls & installation)	0	sum	200	0	(1)
Demolitions of buildings and facilities	0	cf	0.26	0	(2)
Debris & equipment removal - trucking	0	trips	55	0	(3)
Debris & equipment removal - dump fees	0	ton	60	0	(4)
Debris & equipment removal - loading trucks w/FE loader	0	hours	180	0	(5)
Demolition & debris removal - general labor	0	hours	15	0	(6)
Regrading facilities areas (2 ft depth)	0	acre	613	0	(7)
Regrading waste dump slopes	0	CY	0.6	0	(8)
Ripping waste dump tops	0	acre	246	0	(9)
Ripping stockpile & compacted areas	0	acre	246	0	(9)
Ripping pit floors	0	acre	246	0	(9)
Ripping pit access roads	0	acre	613	0	(9)
Creating safety berms or barriers around highwalls	0	LF	0.2	0	(10)
Ripping access roads - dozer	0	acre	246	0	(9)
Regrading access roads - dozer	0	acre	246	0	(9)
Sidecast mtl replacement on steep roads - trackhoe	0	LF	1.25	0	(11)
Surface drainage restoration or construction	0	LF	0.2	0	(10)
Topsoil replacement - dozer	0	CY	0.58	0	(12)
Topsoil replacement - scraper	0	CY	1.19	0	(13)
Topsoil replacement - truck & FE loader	0	CY	2.65	0	(14)
Mulching (2 ton/acre alfalfa/straw)	0	acre	350	0	(00)
Fertilizing (100 lb/acre diammonium phosphate)	0	acre	90	0	(00)
Composted manure (10 ton/acre)	0	acre	300	0	(00)
Broadcast seeding	0	acre	240	0	(00)
Drill seeding	0	acre	240	0	(00)
Hydroseeding	0	acre	800	0	(00)
General site cleanup & trash removal	0	acre	50	0	(00)
Equipment mobilization	0	equip	2000	0	(00)
Reclamation supervision	0	days	400	0	(15)
		Subtotal		0	
10% Contingency				0	
		Subtotal		0	
Escalate for 5 years at 2.82% per year				0	
		Total		0	

	Rounded surety amount in year 2007 \$	0
Average cost per disturber acre =	#DIV/0!	

RECLAMATION SURETY ESTIMATE

Mine Operator

last revision

10/07/02

mine name

filename M000-000 WB2

page "estimate D8"

DOGM file number

County

Prepared by Utah State Division of Oil, Gas & Mining

Note

last unit cost update

10/07/02

- (1) DOGM lump sum assumed
- (2) Means Heavy Construction Cost Data 2002, 02220-100-0100, mix of bldg. types, avg., excluding dump fees
- (3) Means 2002, 02225-730-5100, bldg demo, rubbish handling, \$0.53/CY permille for >8CY truck; assumed 100 miles round trip
- (4) Means 2002, 02225-740-0100, dump charges, typical urban city, tipping fees only, bldg construction mtls
- (5) Rental Rate Blue Book 3Q/02, Cat 980G, 7CY \$98.00/hr+\$38.20/hr, & Means 2002, Crew B-10U, loading trucks only\$43.60
- (6) DOGM assumed wage for unskilled general labor
- (7) Means 2002 & Blue Book 3Q/02: Cat D8R, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth
- (8) Means 2002 & Blue Book 3Q/02: Cat D8R, U, mtl 2550 lb/CY, 100 ft push
- (9) Means 2002 & Blue Book 3Q/02: Cat D8R, U, multi shank rippers, speed 1.0 mph
- (9) Means 2002 & Blue Book 3Q/02: Cat D8R, U, multi shank rippers, speed 1.0 mph
- (9) Means 2002 & Blue Book 3Q/02: Cat D8R, U, multi shank rippers, speed 1.0 mph
- (9) Means 2002 & Blue Book 3Q/02: Cat D8R, U, multi shank rippers, speed 1.0 mph
- (10) Means 2002 & Blue Book 3Q/02 Cat D8R, U, mtl 2550 lb/CY, 50 ft push, used avg vol 0.5CY/LF-berm
- (9) Means 2002 & Blue Book 3Q/02 Cat D8R, U, multi shank rippers, speed 1.0 mph
- (9) Means 2002 & Blue Book 3Q/02. Cat D8R, U, mtl 2550 lb/CY, 50 ft push, 1 ft depth
- (10) Means 2002 & Blue Book 3Q/02: Cat D8R, U, mtl 2550 lb/CY, 50 ft push, used avg vol 0.5CY/LF-berm
- (12) Means 2002 & Blue Book 3Q/02 Cat D8R, U, mtl 2550 lb/CY, 100 ft push
- (13) Means 2002 & Blue Book 3Q/02: Cat 627G P-P, mtl 2550 lb/CY, 2,000 ft haul one-way, grade +/- 4%,
- (14) Means 2002 02320-200-2030. earthwork, hauling excavated or borrow material, off highway hauler, 22 CY, 1 mile round trip, no loading included
- (00) DOGM general estimate - mulching
- (00) DOGM general estimate - fertilizing
- (00) DOGM general estimate - manure \$16/ton delivered, \$14 ton/acre spreading
- (00) DOGM general estimate - broadcast seeding
- (00) DOGM general estimate - drill seeding
- (00) DOGM general estimate - hydroseeding
- (00) DOGM general estimate - site cleanup & trash removal
- (00) DOGM general estimate - equipment mobilization
- (15) Means 2002, 01300-700-0180, project manager, minimum \$2,000/wk